

**PRINTER RUSH**  
(PTO ASSISTANCE)

12

2<sup>nd</sup> request

Application : <u>09/696,991</u>	Examiner : <u>VON BUHR</u>	GAU : <u>2125</u>
From : <u>S. Winslow</u>	Location : <u>IDC</u> FMF FDC	Date : <u>7-12-05</u>

Tracking #: 6051701-8 Week Date: 12-13-04

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input checked="" type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input type="checkbox"/> Other
<input type="checkbox"/> DRW	_____	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input type="checkbox"/> SPEC	_____	

[RUSH] MESSAGE: Provisional 60/053,648 listed on PALM/BLB  
but not in specification

Please advise  
Thank you

[XRUSH] RESPONSE: Corrected

INITIALS: RS

09/696,991

Attorney Docket No.: 26334.8

EXPRESS MAIL NO.: <u>EL418 58664405</u> DATE OF DEPOSIT: <u>10 26 2000</u>	
This paper and fee are being deposited with the U.S. Postal Service Express Mail Post Office to Addressee service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231	
<u>Debbie Ludwig</u> Name of person mailing paper and fee	<u>Debbie Ludwig</u> Signature of person mailing paper and fee

## VALVE POSITIONER SYSTEM

### Cross Reference

This application is a Continuation-in-Part application of U.S. Patent Application Serial No. 09/118,406 which was filed on July 17, 1998.

and claims benefit of provisional application 60/053648 7/23/97.

### Background of the Invention

The present invention relates generally to valve position systems, and more particularly, to a flexure used in a current-to-pneumatic (I/P) converter, a low cost I/P converter, and a dynamically balanced pneumatic amplifier.

One major purpose of an I/P converter is to produce a pneumatic pressure proportional to a given electrical current. This produced pressure may be referred to as a signal pressure. This signal pressure is traditionally amplified, both in pressure and volume, and fed to a pneumatic actuator used to position a valve in a valve positioner system as described in the U.S. Patent Application Serial No. 09/118,406, which is assigned to the same assignee and incorporated herein by reference.

In addition, in a typical 2-stage valve positioner, the second stage is used to amplify both the flow capacity and pressure range of the output since a

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